



shw 2644

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/092,945
Filing Date	3/5/2002
First Named Inventor	Todor J. Fay
Group Art Unit	2644
Examiner Name	XU MEI
Attorney Docket Number	MS1-780US

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached

<input type="checkbox"/> Amendment / Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)

<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Documents

<input type="checkbox"/> Response to Missing Parts/
Incomplete Application

<input type="checkbox"/> Response to Missing Parts
under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
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<input type="checkbox"/> Petition to Convert to a
Provisional Application
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<input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication
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<input type="checkbox"/> Appeal Communication to Board
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<input type="checkbox"/> Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please
identify below):
PTO-1449 Form; Cited References (41);
Return Post Card |
|--|---|--|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	David A. Morasch/Reg. No. 42905
Signature	
Date	May 18, 2005

CERTIFICATE OF TRANSMISSION/MAILING

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Signature	
Date	5-19-05

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Effective on 12/08/2004.

Free pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$) 0.00
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Complete if Known

Application Number	10/092,945
Filing Date	3/5/2002
First Named Inventor	Todor J. Fay
Examiner Name	XU MEI
Art Unit	2644
Attorney Docket No.	MS1 -780US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ **Deposit Account** Deposit Account Number: 12-0769 Deposit Account Name: Lee & Hayes, PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

☒ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

2. EXCESS CLAIM FEES		Small Entity
Fee Description	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**
 _____ - 20 or HP = _____ x 50 = _____

HP = highest number of total claims paid for, if greater than 20

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 3 or HP =	x	200	=

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	


4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Information Disclosure Statement

0.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 42905	Telephone (509) 324-9256
Name (Print/Type)	David A. Morasch	Date <u>May 18, 2005</u>	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 10/092,945
Filing Date 3/5/2002
Confirmation No. 7386
Inventorship Todor J. Fay
Applicant Microsoft Corporation
Group Art Unit 2644
Examiner XU MEI
Attorney's Docket No. MS1-780US
Title: Scripting Solution for Interactive Audio Generation

INFORMATION DISCLOSURE STATEMENT

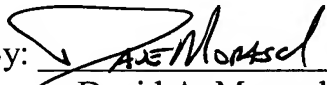
References -- See Attached Form PTO-1449

REMARKS

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: May 18, 2005

By: 
David A. Morasch
Reg. No. 42905



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/092,945
Filing Date	3/5/2002
First Named Inventor	Todor J. Fay
Art Unit	2644
Examiner Name	XU MEI
Attorney Docket Number	MS1 -780US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2002/0108484	8/15/2002	Arnold et al.	
		US- 5142961	9/1/1992	Paroutaud	
		US- 5303218	4/12/1994	Miyake	
		US- 5315057	5/24/1994	Land et al.	
		US- 5511002	4/23/1996	Milne et al	
		US- 5717154	2/10/1998	Gulick	
		US- 5734119	3/31/1998	France et al	
		US- 5792971	8/11/1998	Timis et al	
		US- 5842014	11/24/1998	Brooks et al.	
		US- 5852251	12/22/1998	Su et al.	
		US- 5890017	3/30/1999	Tulkoff et al.	
		US- 5902947	5/11/1999	Burton et al.	
		US- 5942707	8/24/1999	Tamura	
		US- 5977471	11/2/1999	Rosenzweig	
		US- 6100461	8/8/2000	Hewitt	
		US- 6152856	11/28/2000	Studor et al.	
		US- 6169242	1/2/2001	Fay et al	
		US- 6175070	1/16/2001	Naples et al.	
		US- 6225546	5/1/2001	Kraft et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

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[illegible][illegible]

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/092,945
		Filing Date	3/5/2002
		First Named Inventor	Todor J. Fay
		Art Unit	2644
		Examiner Name	XU MEI
Sheet 3	of 4	Attorney Docket Number	MS1 -780US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		A. CAMURRI et al., "A Software Architecture for Sound and Music Processing", Microprocessing and Microprogramming " Vol. 35 pp. 625-632 (Sept 1992)	
		BERRY M., "An Introduction to GrainWave" Computer Music Journal Spring 1999 Vol. 23 No. 1 pages 57-61	
		H. MEEKS, "Sound Forge Version 4.0b", Social Science Computer Review Vol. 16, No. 2, pp. 205-208 (Summer 1998)	
		HARRIS et al.; "The Application of Embedded Transputers in a Professional Digital Audio Mixing System"; IEEE Colloquium on "Transputer Applications"; Digest No. 129, 2/ 1-3 (uk 13 Nov. 1989)	
		J. PICHE et al., "Cecilia: A Production Interface to Csound", Computer Music Journal Vol. 22, No. 2 pp. 52-55 (Summer 1998)	
		M. COHEN et al., "Multidimensional Audio Window Management", Int. J. Man-Machine Studies Vol. 34, No. 3 pp. 319-336 (1991)	
		MALHAM et al., "3-D Sound Spatialization using Ambisonic Techniques" Computer Music Journal Winter 1995 Vol. 19 No. 4 pages 58-70	
		MEYER D., "Signal Processing Architecture for Loudspeaker Array Directivity Control" ICASSP March 1985 Vol. 2 pages 16.7.1-16.7.4	
		MILLER et al., "Audio-Enhanced Computer Assisted Learning and Computer Controlled Audio-Instruction". Computer Education, Pergamon Press Ltd., 1983, Vol. 7 pages 33-54	
		MOORER, JAMES; "The Lucasfilm Audio Signal Processor"; Computer Music Journal, Vol. 6, No. 3, Fall 1982, 0148-9267/82/030022-11; pages 22 through 32	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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		Art Unit	2644
		Examiner Name	XU MEI
Sheet 4	of 4	Attorney Docket Number	MS1 -780US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		R. DANNENBERG et al., "Real-Time Software Synthesis on Superscalar Architectures", Computer Music Journal Vol. 21, No. 3 pp. 83-94 (Fall 1997)	
		R. NIEBERLE et al., "CAMP: Computer-Aided Music Processing", Computer Music Journal Vol. 15, No. 2, pp 33-40 (Summer 1991)	
		REILLY et al., "Interactive DSP Debugging in the Multi-Processor Huron Environment" ISSPA Aug. 1996 pages 270-273.	
		STANOJEVIC et al., "The Total Surround Sound (TSS) Processor" SMPTE Journal Nov. 1994 Vol.3, No. 11 pages 734-740	
		V. ULIANICH, "Project FORMUS: Sonoric Space-Time and the Artistic Synthesis of Sound", Leonardo Vol. 28; No. 1 pp. 63-66 (1995)	
		VERCOE, BARRY; "New Dimensions in Computer Music"; Trends & Perspectives in Signal Processing; Focus, April 1982; pages 15 through 23	
		VERCOE, et al; "Real-Time CSOUND: Software Synthesis with Sensing and Control"; ICMC Glasgow 1990 for the Computer Music Association; pages 209 through 211	
		WAID, FRED; "APL and the Media"; Proceedings of the Tenth APL as a Tool of Thought Conference; held at Stevens Institute of Technology, Hoboken, New Jersey, 31 January 1998; pages 111 through 122	

Examiner Signature		Date Considered	
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